

Abstract of the Disclosure

A stress correction film is applied to one side of a VIPA optical element provided with a multi-layer fully reflective film and an anti-reflective film on one surface of a transparent plate, and a semi-transparent multi-layer reflective film on the other surface, in order to adjust the unbalance between the respective stress of the multi-layer films on each surface. In other words, by applying a stress correction film, the unbalance between the respective stress of the multi-layer films on each surface of the VIPA optical element is corrected, and accordingly a VIPA optical element with low profile irregularity can be realized.